

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

In the Claims:

The following is a list of claims pending in this application and their current status. This listing of claims will replace all prior versions and listings of claims in this application.

1. (Original) A computer-implemented method of adjusting projected demand for one or more items at one or more locations, including:  
 calendaring one or more disruptive events with associated impact estimates to apply to the items at the locations; and  
 applying the impact estimates, wherein  
 the impact estimates for disruptive events that already have taken place are applied to sales history quantities used to project demand, and  
 the impact estimates for disruptive events that have not yet take place are applied to adjust the projected demand.
2. (Original) The method of claim 1, wherein the impact estimates can be positive or negative.
3. (Original) The method of claim 1, wherein the impact estimates are factors multiplied by the sales history quantities or the projected demand.
4. (Original) The method of claim 1, wherein the impact estimates are quantities added to the sales history quantities or the projected demand.
5. (Original) The method of claim 1, wherein the impact estimates for disruptive events that already have taken place are factors multiplied by the sales history quantities.
6. (Original) The method of claim 1, wherein the impact estimates for disruptive events that already have taken place are quantities added to the sales history quantities.
7. (Original) The method of claim 1, wherein calendaring involves assigning a particular disruptive event and its associated impact estimate to a particular date.
8. (Original) The method of claim 1, wherein calendaring involves assigning a particular disruptive event and its associated impact estimate to a particular date and time.
9. (Original) The method of claim 1, further including a plurality of disruptive

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

events.

10. (Original) The method of claim 9, wherein one or more of the plurality of disruptive events have not yet taken place.

11. (Original) The method of claim 9, wherein one or more of the plurality of disruptive events have already taken place.

12. (Original) The method of claim 9, wherein one or more of the plurality of disruptive events have not yet taken place and one or more of the plurality of disruptive events have already taken place.

13. (Original) The method of claim 9, wherein a plurality of impact estimates for the plurality of disruptive events are combined multiplicatively.

14. (Original) The method of claim 9, wherein a plurality of impact estimates for the plurality of disruptive events are combined additively.

15. (Original) The method of claim 9, wherein a plurality of impact estimates for the plurality of disruptive events are combined by a combination of addition and multiplication.

16. (Original) The method of claim 9, wherein a plurality of impact estimates for the plurality of disruptive events are applied beginning with a most recent disruptive event.

17. (Original) The method of claim 9, wherein a plurality of impact estimates for the plurality of disruptive events are applied beginning with a most distant disruptive event.

18. (Original) The method of claim 1, further including applying a plurality of forecasting techniques to the sales history quantities to derive a plurality of projected demand estimates.

19. (Original) The method of claim 1, further including applying a probabilistic forecast technique to the sales history quantities to derive the projected demand estimates.

20. (Original) The method of claim 1, further including applying a segmented probabilistic forecast technique to the sales history quantities to derive the projected demand estimates.

21. (Original) The method of claim 1, further including applying a regression forecast technique to the sales history quantities to derive the projected demand

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

estimates.

22. (Original) The method of claim 1, further including applying an ARIMA forecast technique to the sales history quantities to derive the projected demand estimates.

23. (Original) The method of claim 1, evaluating the actual impact of least one particular disruptive event that has already taken place at least a predetermined period prior to adjustment of the projected demand, and adjusting the estimated impact based on the evaluated actual impact of the disruptive event.

24. (Original) The method of claim 23, wherein the predetermined period is user selected.

25. (Original) The method of claim 23, wherein the predetermined period is measured in days.

26. (Original) The method of claim 23, wherein the predetermined period is measured in time increment of less than a day.

27. (Withdrawn) A computer-implemented method of transitioning from an old item at a plurality of locations to a new item at the locations, the method including:  
associating sales history data for the old item at the locations with the new item at the locations;  
scaling the associated sales history data upward or downward based on anticipated sales of the new item; and  
automatically out dating the old item and in dating the new item.

28. (Withdrawn) The method of claim 27, the out dating and in dating are calendared for one or more dates corresponding to a particular date on which the associating step is carried out.

29. (Withdrawn) The method of claim 28, the out dating of the old item is calendared on the particular date and the in dating of the new item is calendared a day after the particular date.

30. (Withdrawn) The method of claim 27, wherein the out dating and in dating are calendared for one or more dates corresponding to a user-selected date.

31. (Withdrawn) The method of claim 30, wherein the out dating of the old item is calendared on the user-selected date and the in dating of the new item is calendared a day after the user-selected date.

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

32. (Withdrawn) A computer-implemented method of transitioning from an old item at a plurality of locations to a new item at the locations, the method including:  
associating sales history data for the old item at the locations with the new item at the locations;  
scaling the associated sales history data upward or downward based on anticipated sales of the new item; and  
translating presentation quantity data for the old item to the new item.

33. (Withdrawn) The method of claim 32, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations.

34. (Withdrawn) The method of claim 32, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set.

35. (Withdrawn) The method of claim 32, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set and flagged as protected.

36. (Withdrawn) The method of claim 32, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set that are larger than the presentation quantities for the old items.

37. (Withdrawn) The method of claim 32, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a particular date comprises:

applying the new presentation quantity to the new item from the particular date forward; and

applying the presentation quantity from the old item to the new item for a period prior to the particular date.

38. (Withdrawn) The method of claim 32, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

set for a range of dates comprises:

- applying the new presentation quantity to the new item for the range of dates;
- and

- applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates.

39. (Withdrawn) The method of claim 32, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a range of dates comprises:

- applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates; and

- applying whichever of the new presentation quantity or the presentation quantity from the old item is larger to the new item for the range of dates.

40. (Withdrawn) The method of claim 32, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a range of dates comprises:

- applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates; and

- applying whichever of the new presentation quantity or the presentation quantity from the old item is smaller to the new item for the range of dates.

41. (Withdrawn) The method of claim 32, further including translating causal calendar events from the old item to the new item.

42. (Withdrawn) A computer-implemented method of transitioning from an old item at a plurality of locations to a new item at the locations, the method including:

- associating sales history data for the old item at the locations with the new item at the locations;

- scaling the associated sales history data upward or downward based on anticipated sales of the new item; and

- translating causal calendar events for the old item to the new item.

43. (Withdrawn) A computer-implemented method of transitioning from an old item at a plurality of locations to a new item at the locations, the method including:

- associating sales history data for the old item at the locations with the new item at the locations;

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

scaling the associated sales history data upward or downward based on anticipated sales of the new item;  
 automatically out dating the old item and in dating the new item;  
 automatically linking the inventory and outstanding purchase orders for the old item to the new item; and  
 translating presentation quantity data for the old item to the new item.

44. (Withdrawn) The method of claim 43, the out dating and in dating are calendared for one or more dates corresponding to a particular date on which the associating step is carried out.

45. (Withdrawn) The method of claim 44, the out dating of the old item is calendared on the particular date and the in dating of the new item is calendared a day after the particular date.

46. (Withdrawn) The method of claim 43, wherein the out dating and in dating are calendared for one or more dates corresponding to a user-selected date.

47. (Withdrawn) The method of claim 46, wherein the out dating of the old item is calendared on the user-selected date and the in dating of the new item is calendared a day after the user-selected date.

48. (Withdrawn) The method of claim 43, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations.

49. (Withdrawn) The method of claim 43, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set.

50. (Withdrawn) The method of claim 43, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set and flagged as protected.

51. (Withdrawn) The method of claim 43, wherein translating the presentation quantity data includes copying presentation quantities for the old item at the locations to the new item at the locations, except where presentation quantities for the new item at the locations have been set that are larger than the presentation quantities for the old

Application No. 09/905,174

Atty Docket No. BLFR 1006-1

items.

52. (Withdrawn) The method of claim 43, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a particular date comprises:

applying the new presentation quantity to the new item from the particular date forward; and

applying the presentation quantity from the old item to the new item for a period prior to the particular date.

53. (Withdrawn) The method of claim 43, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a range of dates comprises:

applying the new presentation quantity to the new item for the range of dates; and

applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates.

54. (Withdrawn) The method of claim 43, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a range of dates comprises:

applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates; and

applying whichever of the new presentation quantity or the presentation quantity from the old item is larger to the new item for the range of dates.

55. (Withdrawn) The method of claim 43, wherein the translating of the presentation quantity from an old item to a new item having a new presentation quantity set for a range of dates comprises:

applying the presentation quantity from the old item to the new item for periods prior to and after the range of dates; and

applying whichever of the new presentation quantity or the presentation quantity from the old item is smaller to the new item for the range of dates.

56. (Withdrawn) The method of claim 43, further including translating causal calendar events from the old item to the new item.